

Crop Estimates in Tennessee

GOVERNMENT CROP REPORT

Washington, D. C., July 10.—A summary of the July crop report for the State of Tennessee and for the United States, as compiled by the Bureau of Crop Estimates (and transmitted through the Weather Bureau) U. S. Department of Agriculture, is as follows:

CORN

State.—July 1 forecast, 87,200,000 bushels; production last year (final estimate, 94,500,000 bus.

United States.—July 1 forecast, 2,870,000,000 bushels; production last year (final estimate) 3,054,535,000 bushels.

ALL WHEAT

State.—July 1 forecast, 8,770,000 bushels; production last year (final estimate), 1,011,505,000 bushels.

OATS

State.—July 1 forecast, 6,470,000 bushels; production last year (final estimate), 8,746,000 bushels.

United States.—July 1 forecast, 1,320,000,000 bushels; production last year (final estimate), 1,540,362,000 bushels.

TOBACCO

State.—July 1 forecast, 87,400,000 pounds; production last year (final estimate), 69,675,000 pounds.

United States.—July 1 forecast, 1,190,000,000 pounds; production last year (final estimate), 1,060,587,000 pounds.

POTATOES

State.—July 1 forecast, 2,980,000 bushels; production last year (final estimate), 3,168,000 bushels.

United States.—July 1 forecast, 369,000,000 bushels; production last year (final estimate), 359,103,000 bushels.

SWEET POTATOES

State.—July 1 forecast, 2,560,000 bushels; production last year (final estimate), 2,835,000 bushels.

United States.—July 1 forecast, 73,900,000 bushels; production last year (final estimate), 74,295,000 bushels.

HAY

State.—July 1 condition 85, compared with the eight year average of 80.

United States.—July 1 condition 93.4, compared with the eight-year average of 82.2.

PASTURE

State.—July 1 condition 95, compared with the ten-year average of 84.

United States.—July 1 condition 97.7, compared with the ten-year average of 85.7.

APPLES

State.—July 1 forecast, 2,280,000 barrels; production last year (final estimate), 2,025,000 barrels.

United States.—July 1 forecast, 72,500,000 barrels; production last year (final estimate), 76,670,000 barrels.

PEACHES

State.—July 1 forecast, 1,530,000 bushels; production last year (final estimate), 2,460,000 bushels.

United States.—July 1 forecast, 42,100,000 bushels; production last year (final estimate), 63,460,000 bushels.

COTTON

State.—June 25 forecast, 379,000 bales; production last year (census), 303,420 bales.

United States.—July 1 forecast, 14,400,000 bales; production last year (census), 11,191,820 bales.

PRICES

The first price given below is the average on July 1 this year, and the second, the average on July 1 last year:

State.—Wheat, 104 and 105 cents per bushel. Corn, 83 and 87. Oats, 53 and 56. Potatoes, 101 and 85. Hay, \$15.90 and \$17.30 per ton. Cotton, 12.3 and 8.5 cents per pound. Eggs, 16 and 13 cents per dozen.

United States.—Wheat, 92.9 and 102.8 cents per bushel. Corn 75.4 and 77.7 cents. Oats, 40.5 and 46.7 cents. Potatoes, 102 and 52.1 cents. Hay, \$12.10 and \$11.70 per ton. Cotton, 12.5 and 8.6 cents per pound. Eggs, 19.7 and 16.8 cents per dozen.

CARD OF THANKS.

We wish to express our thanks to all our kind neighbors and friends who so nobly assisted us during the sickness and death of our darling boy, Bart, and also for the floral offerings.

Mr. and Mrs. Chas. M. Young and family.

I. M. DEAVER

General agent for INTERSTATE LIFE & ACCIDENT CO., and the SOUTHERN LIFE INSURANCE CO.—616 VanDeVenter Bldg. Knoxville, Tenn.

ABERDEEN ANGUS SALE HELD AT COLUMBIA

Columbia, Tenn.—Thirty-seven head of pure-bred Aberdeen Angus cattle were sold at auction here Friday afternoon for an average of \$193 each. Ten bulls and twenty-seven cows and heifers averaged \$105. The average for the whole sale was \$20 less than the average of the Shorthorn sale last month, but the cows and heifers sold better than the Shorthorns. While only a slight majority of the Shorthorns remained in Maury county, all but one head of the Angus will stay in the county. The highest price paid was \$400 for a cow, \$25 more than the top price the Shorthorn sale. The sale was held under the auspices of the Nashville, Chattanooga & St. Louis railway and the American Aberdeen Angus Breeders' Association and was directed by F. J. Derby. M. A. Judy of the association attended the sale.

THANKS

To the citizens and neighbors and especially to the young men who worked so hard to save our home for us on last Thursday morning when Mr. Long's house burned. We wish to return our heart felt thanks.

D. U. Weagly and Family.

REALTY TRANSFERS

R. S. Walker, C. & M., to Pleas Henry, interest in ninth dist., \$1260. Montgomery May to W. B. Chandler, lot in 9th dist., \$800. John Rorex et ux to Jas. B. Hedge, Jr., lot in ninth dist., \$221. James E. Hair to W. H. Teague, lots in 9th, dist., \$775.

HUGHES HAS MANY DEGREES

Probably no man now in the public eye has more college affiliations than former justice of the Supreme Court of the United States, Charles Evans Hughes, who recently received the Republican nomination for the presidency. Justice Hughes has received the Bachelor's and the Master's degree from Brown University; the degree of Bachelor of Laws from Columbia university, and the honorary degree of Doctor of Laws from Brown, Columbia, Knox, LaFayette, Union, Colgate, George Washington, Williams, Harvard and the university of Pennsylvania. He was professor of Law and special lecturer in Cornell university from 1891 to 1895 and for seven years also special lecturer in the New York law school.

Justice Hughes is a member of the board of trustees of the University of Chicago, having been elected to that position in February, 1914.

NEW PROVIDENCE PRESBYTERIAN CHURCH

10:30, Morning Worship. A plain Gospel sermon for everybody. Strangers invited. Rich and poor alike are welcome. Good musical program.

4:00 Jr. C. E. Society.
4:00, Intermediate C. E. Society.
6:30, C. E. meeting. Topic: "Purity, Temperance and Strength." All young people invited. You will miss a good meeting if you are not present.

7:30, Union Open-air Meeting on the street at the Sam Houston Inn. The funeral of Miss Margaret E. Henry was held in the Church last Sunday afternoon. She had been a member of New Providence Church since Feb. 1877. She was a faithful, loyal and efficient church member. She was fully consecrated to her Savior. She was always doing something good. She will be greatly missed from her place in the Church.

Mr. M. H. Gamble, a member of our Board of Deacons for many years has gone to the Highlands Camp Sanatorium, Highlands, N. C., on account of impaired health. He will spend some time there in order to regain his health. The prayers of the church will follow him that he may be soon restored to health, to his family and to his church.

Miss Christine Alexander, a member of our church, left Maryville on June 14, for Cairo, Egypt. She is going out as a Missionary under the United Presbyterian Church. She will teach English in the Woman's College of Cairo. There are 250 young ladies in this College. In the College there many different kinds of people as students—Europeans, Egyptians, Arabs, Mohammedans and perhaps others. She expected to sail from New York to Athens, Greece. Then take ship from there to Alexandria, Egypt and on to Cairo. She will have to cross both the Atlantic Ocean and the Mediterranean Sea in order to reach her work. Our prayers follow her for a safe journey and a successful work for the Master.

ABOUT OUR PRESIDENTS

Zachary Taylor never cast a vote until elected president.

Since 1833 no vice-president has served longer than four years.

Not since 1885 has the United States had three living ex-presidents.

Thomas Jefferson was the first president inaugurated in Washington.

No president pro tem of the senate has ever reached the presidency.

Franklin Pierce was the last New England man to fill the presidency.

James A. Garfield was the first Knight Templar ever elected president.

James A. Garfield was the first president that had made political speeches.

Franklin Pierce was the first of our presidents born in the nineteenth century.

Martin Van Buren was the first of our presidents who was not born a British subject.

The first five presidents ended their term of service each in the sixty-sixth year of his age.

James Buchanan was the only president, who, having served one term, was not a candidate for re-nomination.

Andrew Jackson was the oldest of the retiring presidents, going out of office eleven days before his 71st birthday.

Five vice-presidents have succeeded to the presidency by the death of the president, and all sought re-nomination for another term.

Fourteen of our presidents were at one time or another connected with the United States army, but no president did service in the navy.

—Exchange.

UNION OPEN AIR MEETING

The Union Open Air Meeting was held in the New Providence Church last Sunday night on account of the inclement weather. Rev. Ella Garrison, the Pastor of the Friend's church preached an excellent sermon on "How shall we escape if we neglect so great salvation." There was a good crowd for a rainy night. A large number of Christians went forward in response to the invitation to consecrate themselves to soul-winning.

The Union Open Air Meeting will be held at the Sam Houston Inn next Sunday night at 7:30. This will be a Revival Service. Everybody invited to come out to hear some plain gospel preaching. Rev. William F. Pitts will preach. Mr. E. Frank Cody will lead the Chorus Choir. Bring your friends. Do personal work. Come in automobiles and carriages. Pray for the service. If the weather is inclement the service will be held in New Providence Church.

TROOPER BREAKS GIRLS RIBS

One of the members of Sheridan troop of the Pennsylvania National Guard was a little too violent in the farewell caresses of his sweetheart before leaving for Mount Gretna, it has been learned. The young Tyrone woman, whose name is withheld to save her embarrassment, complained of severe pains in her right side for several days after the troopers departed. As it seemed to get worse, she consulted the family physician, who discovered that the parting "squeeze" had fractured two of her ribs.

BARTLEY CLINTON YOUNG.

Bartley Clinton Young was born October 26, 1904 and departed this life, July 3, 1916, being 11 years, 8 months and 7 days old.

He was taken suddenly ill June 23, and suffered intensely until the Lord called him home. He was operated on for appendicitis June 30. He was the son of Chas. M. and Dora Young, a bright boy of very winning disposition and was loved by everyone who knew him. He professed faith in Christ three years ago and joined the Fairview Methodist Church. Although so young he expressed the wish to "be God's boy."

He suffered so much he prayed for God to come and take him home. The day before he died he sang these words to a tune of his own making: "Blessed Jesus, take me home where all is peace and joy." "Little Bart" is gone but not forgotten. He was only lent to us for a little while.

A voice we loved is stilled. A place is vacant in our home which never can be filled. He was laid to rest in the cemetery at Carpenter's Camp-ground.

NEWS FROM THE COUNTIES

Humphreys county is pointing with pride to her peanut crop this year.

Interest in county fairs is marked. Madison county is planning for at least 100 boys to enter the club contests.

The business men of Clarksville have given County Agent W. S. Baldwin \$135 to be used as prizes in corn club contests.

The section harrow seems to have been the most popular implement this season. Many localities suffered from drought. The harrow prevented much moisture from leaving the soil because of the earth mulch that it formed.

Weakley county feels she has done her share in putting Tennessee on the strawberry map this year. Sharon, on May 17, shipped seventeen car loads. This is the largest number of cars ever shipped from a town in the county.

A field of crimson clover and oats on the farm of W. L. Foster, of Anderson county, made a ton to the acre of good hay after having pastured cows all winter and until April 1st. The hay was cut late in May. Alfalfa goes on the field this fall.

Hamlet Griest, of Wilson county, has 39 steers which he placed on grass the last of April. These steers weigh (at this writing) 740, as compared with 650 last fall. They were wintered on corn and sorghum silage, wheat straw and some soy bean hay.

J. T. Morgan, of Humphreys county, did not have the regular spike-tooth harrow for cultivating his corn early in its growth so used a heavy wood-frame section with large teeth. The ground was firm, or it would not have done the good work it did.

Madison county farmers found that where they expected red clover alone they got white clover also. They found that they had sown impure seed. Madison county is not the only county where impure seed has been used. Usually the impurities are worse than innocent white clover.

Silver Lake, Tenn., farmers are taking much interest in a proposed cheese factory. The natural conditions for a factory are about ideal. There are many shorthorn cows in the community, plenty of fine grazing, lots of cold springs, and the farm butter market is the only market available.

A Sevier county farmer who owns a lime pulverizer has bought a lime distributor. The purchase was made after witnessing the development of crops on limed land as compared with other land. Another man has bought a summer subsoil plow to use after harvest. These improvements follow naturally the work of the demonstration farms.

THE PROFIT IN BEEF CATTLE

New Publication Sent Free to Those Who Can Use It.

The Division of Extension has just published a twelve-page bulletin called "Beef Cattle Profits." The author is Professor C. A. Wilson, of the College of Agriculture, who has done more than any other man in Tennessee to find out the answers to questions that perplex cattle feeders. Anyone wishing a copy of this publication will receive it by writing to Division of Extension, University of Tennessee, Knoxville.

WHAT ONE FARM WOMAN SAW

Plenty of money had been spent about the house, but there was a lack of the necessities in the kitchen and the dining-room. That was what a farm woman saw at one place in Lauderdale county. A gasoline engine to pump water and a 500-gallon tank erected, yet no water in the kitchen. The girls had to go out down bad steps and 150 feet from the house to get water. There are other houses like that. Simple rearrangements would make all persons happier. So says the woman who saw these things, and she was not one of the family, either. She had no axe to grind for her own welfare. But she did think conditions could be bettered.

JUST TACK THIS UP OVER YOUR CHURN

The most essential steps in churning are:

- 1—Scald churn, butter worker, butter mould and ladle.
- 2—Cool these with cold water.
- 3—Strain cream into churn to remove particles of curd.
- 4—Add butter color.
- 5—Churn until the butter granules are about the size of large wheat grains.
- 6—Draw off buttermilk.
- 7—Add wash water and revolve churn 15 to 20 times.
- 8—Drain off wash water thoroughly.
- 9—Remove butter to butter worker.
- 10—Add salt, about one ounce to the pound.
- 11—Work only as much as is needed to mix salt with butter.
- 12—Mould butter into brick-shaped prints.
- 13—Wrap in parchment butter paper.
- 14—Never touch the butter with your hands.—Division of Extension, University of Tennessee.

HIGH PRICED MAY LAMBS

Wilson County Is Doing What Many Counties of Tennessee Could Do

GET A FLOCK OF SHEEP

State Now Has Only 800,000 Sheep Where It Should Have Several Times That Number—Tennessee Needs a Few Sheep on Each Farm.

(By C. A. Keffler, Division of Extension, University of Tennessee.)

County Agent W. K. Tipton, of Wilson county, reports that the Baird's Mill Lamb Club sold its lambs for delivery in Lebanon, May 30, at eleven and a half cents a pound.

That fact should set every farmer in Tennessee to thinking.

A West Tennessee farmer owned 19 ewes last winter, from which he raised 30 lambs. This is far above the average, but put these two facts of high price and high possible production together and nothing in the whole range of agriculture is richer in suggestion to the farmer.

In the eleventh census every county in Tennessee but one reported some sheep. Wilson county leading with 56,806 and Bedford county second with 56,598; Maury, Williamson, Lincoln and Sumner counties following, each having over 40,000. Obion county led West Tennessee in sheep production with 14,668 and Hawkins headed the list of East Tennessee counties with 10,554. The total number of sheep in the state was 795,033.

Wilson county farmers got eleven and a half cents a pound for lambs sold in May.

These lambs were raised largely on pasture. The pasture was the fall-sown fields and crimson clover. In the case of the grain the fields were not pastured close enough to interfere materially with the grain crop. The manure about made up for the possible shortage in grain yield. The crimson clover can be followed by a summer crop of corn or beans. The flocks that were fed received at most a small grain ration.

Eleven-cent lambs is enough to make the farmer dream dreams and see visions; enough, one would think, to induce him to realize the dreams and visions in practice on his farm.

Dogs? With lambs at eleven cents, and wool at present prices the farmer certainly can afford to take care of the dog evil.

Study the matter thoroughly this summer.

Get ready for sheep by planting small grain and crimson clover pasture.

Start with a small flock.

Protect them.

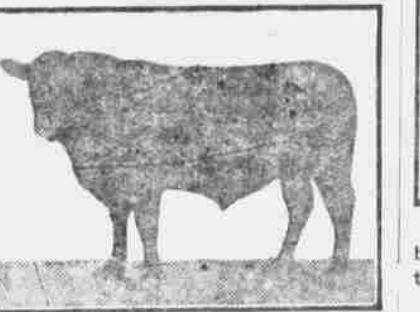
Instead of 800,000 sheep Tennessee should have millions.

PURE-BRED LIVE STOCK PAY BACK THEIR PRICE

Animal With Pedigree Is Better Than One With Only Good Looks—Go After Both Qualifications.

(By C. D. Lowe, Division of Extension, University of Tennessee.)

Some persons are apparently not able to see the necessity of paying from \$100 to \$200 for a registered bull when a grade bull can be purchased for from \$50 to \$75.



Pure-Breds Always Have the Advantage.

This grade animal may be equally as good an individual from a beef standpoint as the pedigreed one, but should we not look farther than mere conformation when selecting a sire?

In the first place, what is registration on an animal and what is it worth to the stockman or farmer? The registration certificate can be regarded as a form of insurance—a guarantee that the ancestors of the animal were bred for a definite purpose for many generations back. This virtually insures that the animal under consideration will continue to breed on and on in conformity with the good qualities possessed by his strain.

On the other hand, the grade or scrub can not be expected to produce on an equality with the pure-bred. Many times grades breed well in the first generation, but rapidly retrograde in the resulting generation.

Pure-breds are as much better than grades as grades are better than scrubs, but unfortunately every one is not prepared to handle pedigreed animals exclusively. Every one, however, may have pure-bred registered sires. Have you got yours?

J. R. Peake, of Henderson county, has noted that where peas were planted on limed land they did much better than where the land was not limed.

FROM THE SOIL COMES THE CROP

To Make Money the Soil, First of All, Must Be a Producer

MAINTAIN SOIL FERTILITY

Facts Known About the Soil Should Be Used in Making the Farm Give Greater Returns—How Vegetable and Mineral Matter Act Together.

(By C. E. Allred, Division of Extension, University of Tennessee.)

The soil that can not grow good crops in abundance is the soil that loses the farmer money. How to get the soil up to its highest yielding power is a question one must answer to be a successful farmer.

The power of the soil to produce depends on many factors. Some are well known and reliable as guides. Others are not so well known. We do know that the soil is composed of many finely-divided particles of rock. These mineral parts of the soil afford much of the plant food that is needed for the growth of the plants. Closely associated with the mineral elements of the soil are the parts of decayed and decaying vegetable matter. Peat and leaf mold are examples. For the soil to be a high producer, the mineral parts of the soil and the vegetable parts must be in the proper proportion. This proportion can be told by one working in the field by the way the soil responds to the farm implements and by the way the crops yield at the close of the season.

The vegetable matter that is needed in all soils can be placed there by growing green crops and plowing them under, by returning the straw of grain crops to the land, and by feeding the crops to live stock and hauling the manure back to the land. As the plants and the manure decay in the soil, certain chemicals are produced. These chemicals act upon the rock particles in the soil much like vinegar acts when put on limestone. This action frees the mineral plant foods that the plants need, and we see the crops respond with greater growth and yields.

TWENTY-FIVE CENT HATS MADE BY GIRLS

Bradley County Tomato Club Members Utilize Corn Shucks to Advantage—Hats Corned Artistically.

Hats made in Bradley county of corn shucks are attracting much attention. Officials of the United States Department of Agriculture have complimented the girls of the tomato clubs by asking them for the hats to be used in exhibits in other states. The hats were on exhibition at the East Tennessee Farmers' Convention, where the government officials saw them.



This hat, worn by Miss Byrd, cost but 25 cents. It was made by girls of tomato clubs.

These hats and the ornamental flowers thereon were made entirely of corn shucks, will stand all kinds of weather without injury, and are practically indestructible. One of the hats was done in red and green, the colors of the tomato club, with the entire expense of making as follows: Dye, 5 cents; lining, 10 cents; mat for band, 10 cents; total, 25 cents. This is the uniform hat worn by the Bradley county girls in their work. The other hat which was done in black and trimmed in red shuck roses and without frame cost 15 cents.

During the farmers' convention Messrs. Byrd, the county agent in home economics, wore one of the hats made by the girls of tomato clubs of Bradley county.

OFFER POULTRY CLUB PRIZES.

One hundred dollars in prizes to the boys and girls that raise the best chickens, a silver loving cup to the boy or girl showing the best display of chickens at the fair, and a silver loving cup to the poultry club making the best exhibit at the county fair this fall are to be awarded in Weakley county as the result of the gifts of George M. Brooks & Company, produce dealers, The Weakley County Bank, and the Presden Bank. There are two hundred boys and girls in Weakley county interested in poultry club work.